This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A method for identifying a characteristic of a bulk flowable material, comprising the steps of:

selecting a bulk flowable material having a determined property; causing said bulk flowable material to flow; and

storing information related to the bulk flowable material on a property identification marker, said storing step being performed concurrent with said step of causing the bulk flowable material to flow; and

periodically dispensing a property identification marker into said bulk flowable material.

Claim 2 (original): The method according to claim 1, wherein said bulk flowable material comprises an agricultural product.

Claim 3 (previously amended): The method according to claim 2, wherein said agricultural product comprises an unharvested agricultural product.

Claim 4 (original): The method according to claim 2, wherein said agricultural product comprises a harvested agricultural crop.

Claim 5 (original): The method according to claim 4, wherein said harvested agricultural crop is located in a transport container.

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Claim 6 (original): The method according to claim 4, wherein said harvested agricultural crop is located in a crop harvesting apparatus.

Claim / (previously amended): The method according to claim 1, wherein said property identification marker contains information identifying a grower of said bulk flowable material.

Claim & (previously amended): The method according to claim 1, wherein said property identification marker contains information identifying an owner of said bulk flowable material.

Claim & (previously amended): The method according to claim 1, wherein said property identification marker contains information indicating geographic origin of said bulk flowable material.

Claim 10 (previously amended): The method according to claim 1, wherein said property identification marker contains information indicating a genetic property of said bulk flowable material.

Claim /1 (previously amended): The method according to claim 1, wherein said property identification marker contains information indicating a historical record of said bulk flowable material.

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Claim 12 (previously amended): The method according to claim 2, wherein said property identification marker contains information indicating a crop variety designation related to said agricultural product.

Claim 17 (previously amended): The method according to claim 2, wherein said property identification marker contains information indicating a specific trait associated with said agricultural product.

Claim 14 (previously amended): The method according to claim 2, wherein said property identification marker contains information useful for indicating whether said agricultural product is a genetically modified organism.

Claim 15 (previously amended): The method according to claim 2, wherein said property identification marker contains information indicating said agricultural product's genetic content.

Claim 16 (original): The method according to claim 1, wherein said property identification marker comprises an optically readable marker.

Claim 16 (original): The method according to claim 16, wherein said optically readable marker comprises a machine-readable marker.

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19 Claim 18 (original): The method according to claim 16, wherein said optically readable marker comprises coded information.

Claim 19 (original): The method according to claim 16, wherein said optically readable marker comprises human readable information.

Claim 29 (original): The method according to claim 1, wherein said property identification marker comprises a radiant energy marker.

24 Claim 21 (previously amended): The method according to claim 20, wherein said radiant energy marker comprises a radio frequency identification tag.

Qu Claim 22 (original): The method according to claim 1, further comprising a marker preparation step wherein identifying information is stored on said property identification marker, said marker preparation step being performed prior to said step of causing said bulk flowable material to flow.

Claim 23 (canceled)

Claim 2 (currently amended): The method according to claim 1, further comprising a marker preparation step wherein identifying information is stoxed on said property identification marker, said marker preparation step being wherein said storing step is also performed after said step of periodically dispensing.

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Claim 25 (original): The method according to claim 1, wherein said property identification marker comprises information indicating a plurality of properties of said bulk flowable material.

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Claim 26 (previously amended): The method according to claim 1, wherein said property identification marker comprises a color-coded marker.

Claim 21 (original): The method according to claim 1, wherein said property identification marker comprises a preprinted label.

Claim 28 (original): The method according to claim 28, wherein said radiant energy marker contains identifying information stored prior to said step of causing said bulk flowable material to flow.

Claim 28 (original): The method according to claim 1, wherein said step of periodically dispensing is performed at pre-determined time intervals.

Claim 30 (original): The method according to claim 1, wherein said step of periodically dispensing is performed at pre-determined volume-related intervals.

Claim 31 (original): The method according to claim 1, wherein said property identification marker comprises a substance deposited onto said bulk flowable material.

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Claim 32 (original): The method according to claim 32, wherein said substance comprises a colored vegetable-based dye.

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Claim 35 (original): The method according to claim 1, wherein said property identification marker comprises a paper label.

34 (original): The method according to claim 1, wherein said property identification marker comprises a biodegradable label.

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Claim 38 (previously amended): The method according to claim 1, wherein said property identification marker consists of a biodegradable ink.

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Claim 36 (previously amended): The method according to claim 36, wherein said biodegradable ink consists of a soy-based ink.

Claim 37 (original): The method according to claim 1, further comprising the step of removing said property identification marker from said bulk flowable material.

Claim 38 (original): The method according to claim 37, wherein said removing step comprises a filtering step.

Claim 36 (currently amended): The method according to claim 31, wherein said removing step comprises comprising an air flow generating step.

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Claim 46 (original): The method according to claim 37, wherein said removing step comprises a gravity separation step.

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Claim 47 (original): The method according to claim 37, wherein said removing step comprises a magnetic separating step.

Claim 42 (original): The method according to claim 1, further comprising a marker reading step.

Claim 42 (original): The method according to claim 42, further comprising a routing step wherein said bulk flowable material is routed to a location based on data obtained in said reading step.

Claim 44 (original): The method according to claim 1, wherein said periodically dispensing step is performed by a marker dispenser located in a bulk flowable material collection device.

Claim 45 (currently amended): The method according to claim 44, wherein said bulk flowable material collection device comprises a crop harvester.

Claim 46 (previously amended): The method according to claim 1, wherein said property identification marker contains information indicating a prior chemical treatment of said bulk flowable material.

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Claim 47 (original): The method according to claim 46, wherein said prior chemical treatment comprises an insecticide application.

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Claim 46 (original): The method according to claim 46, wherein said prior chemical treatment comprises a herbicide treatment.

Claim 48 (previously amended): The method according to claim 1, wherein said property identification marker contains information indicating future handling regarding said bulk flowable material.

Claim 50 (previously amended): The method according to claim 1, wherein said property identification marker contains information indicating prior testing of said bulk flowable material.

Claim 5 (original): The method according to claim 1, further comprising the step of recording positioning information associated with said bulk flowable material.

Claim 52 (original): The method according to claim 51, wherein said recording step includes the step of receiving a positioning system signal related to said bulk flowable material.

Claim 53 (original): The method according to claim 4, wherein said harvested agricultural crop is located in a storage container.

Claim 54 (original): The method according to claim 1, wherein said property identification marker comprises a shape-coded marker.

Claim 35 (previously amended): The method according to claim 1, wherein said property identification marker comprises an edible marker.

Claims 56-62 (withdrawn)

Claim 63 (currently amended): A material identification system, comprising:

a plurality of property identification markers; and

an automated marker dispenser capable of periodically dispensing said plurality of property identification markers into a flowing bulk flowable material;

wherein said plurality of property identification markers carry information identifying a physical characteristic of a bulk flowable material in which said property identification marker is placed.

Claim 64 (currently amended): The apparatus material identification system according to claim 63, wherein said plurality of property identification markers identifies a bulk flowable material as containing a genetically modified organism.

Claim 65 (previously added): The method of claim 2, wherein said property identification marker contains information identifying a soil amendment application performed to soil used to grow said agricultural product.

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Claim 66 (previously added): The method of claim 65, wherein said soil amendment application comprises a fertilizer application.

Claim 67 (previously added): The method of claim 1, wherein said property identification marker is made of biodegradable material.

Claim 68 (previously added): The method of claim 1, wherein said property identification matker is physically attached to a portion of said bulk flowable material.

Claim 69 (previously added): The method of claim 1, further comprising the step of sensing the volume of the flowing bulk flowable material, and wherein said periodically dispensing step dispenses a property identification marker so as to achieve a given property identification marker to volume ratio.

Claim 70 (previously added): The method of claim 69, further comprising the steps of: reading a dispensed property identification marker; and

using data obtained via the reading step to calculate statistical information related to the bulk flowable material.

Claim / (previously added): The method of claim 68, further comprising the steps of:

reading a dispensed property identification marker; and

using data obtained via the reading step to calculate the bulk flowable material's volume.

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Claim (previously added): The method of claim 1, further comprising the step of sensing the mass of the flowing bulk flowable material, and wherein said periodically dispensing step dispenses a property identification marker so as to achieve a given property identification marker to mass ratio.

Claim 12 (previously added): The method of claim 12, further comprising the steps of reading a dispensed property identification marker; and

using data obtained via the reading step to calculate statistical information related to the bulk flowable material.

Claim (previously added): The method of claim 72, further comprising the steps of:
reading a dispensed property identification marker; and
using data obtained via the reading step to calculate the bulk flowable material's mass.

Claim 78 (previously added): The method of claim 1, further comprising the step of sensing the weight of the flowing bulk flowable material, and wherein said periodically dispensing step dispenses a property identification marker so as to achieve a given property identification marker to weight ratio.

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Claim % (previously added): The method of claim %, further comprising the steps of:
reading a dispensed property identification marker; and

using data obtained via the reading step to calculate statistical information related to the bulk flowable material.

Claim 7 (previously added): The method of claim 78, further comprising the steps of:

reading a dispensed property identification marker; and

using data obtained via the reading step to calculate the bulk flowable material's weight.

Claim 78 (previously added): The method of claim 42, wherein said reading step is performed automatically.

Claim 78 (previously added): The method of claim 78, further comprising the step of routing the bulk flowable material based on a determined property of the bulk flowable material.

Claim 30 (previously added): The method of claim 75, wherein said routing step comprises the step of automatically routing the bulk flowable material in response to data gathered via said automatic reading step.

Claim 87 (previously added): The method of claim 86, wherein said step of automatically routing further comprises the step of automatically directing bulk flowable material sharing a given determined property to a designated storage location.

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Claim 82 (previously amended): The method of claim 81, wherein said step of automatically routing directs genetically modified bulk flowable material to a storage location collecting genetically modified bulk flowable material so as to segregate said genetically modified bulk flowable material that has not been genetically modified.

Claim 82 (previously added): The method of claim 80, wherein said step of automatically routing further comprises the step of automatically directing bulk flowable material sharing a given determined property to a designated treatment location.

Claim 84 (previously added): The method of claim 1, further comprising the step of routing the bulk flowable material based on a determined property of the bulk flowable material.

Claim 86 (previously added): The material identification system according to claim 63, wherein said plurality of property identification markers identifies a bulk flowable material as containing an organism that has not been genetically modified.

Claim & (previously added): The material identification system according to claim 63, wherein said plurality of property identification markers comprises a plurality of labels.

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Claim & (previously added): The material identification system according to claim 63, further comprising a preprinted continuous label spool which is subdivided to create said plurality of property identification markers.

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Claim 36 (previously added): The material identification system according to claim 37, wherein said preprinted continuous label spool comprises a continuous barcode printed thereon.

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Claim 89 (previously added): The material identification system according to claim 62, wherein said plurality of property identification markers comprises a plurality of optically readable markers.

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Claim 96 (previously added): The material identification system according to claim 88, wherein said plurality of optically readable markers comprises a plurality of machine-readable markers.

Claim of (previously added): The material identification system according to claim 85, wherein said plurality of optically readable markers contain coded information.

Claim 92 (previously added): The material identification system according to claim 89, wherein said plurality of optically readable markers comprises a human readable portion.

Claim 98 (previously added): The material identification system according to claim 63, wherein said plurality of property identification markers comprises a plurality of radiant energy markers.

Claim 94 (previously amended): The material identification system according to claim 93, wherein said plurality of radiant energy markers comprises a plurality of radio frequency identification tags.

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Claim (previously added): The material identification system according to claim (s), wherein each property identification marker of said plurality of property identification markers contains information identifying a plurality of characteristics of a bulk flowable material.

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Claim 96 (previously added): The material identification system according to claim 63, wherein said plurality of property identification markers is biodegradable.

Claim 97 (previously added): The material identification system according to claim 63, wherein said plurality of property identification markers is consumable.

Claim 98 (previously amended): The material identification system according to claim 63, wherein said plurality of property identification markers consists of a plurality of ink doses.

Claim 99 (previously amended): The material identification system according to claim 63, wherein said plurality of property identification markers consists of a plurality of biodegradable ink doses.

Claim 100 (previously added): The material identification system according to claim 53, wherein said plurality of property identification markers comprises a plurality of soy-based ink doses.

Claim 101 (previously added): The material identification system according to claim 63, wherein said plurality of property identification markers comprises a plurality of colored marker doses.

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Claim 102 (previously added): The material identification system according to claim \$3, wherein said plurality of property identification markers comprises a plurality of colored, vegetable-based dye doses.

Claim 103 (previously added): The material identification system according to claim 63, wherein said plurality of property identification markers contains information identifying a soil amendment application performed to soil used to grow an agriculturally generated bulk flowable material.

Claim 104 (previously added): The material identification system of claim 103, wherein said plurality of property identification markers contains information identifying a fertilizer application as the soil amendment application.

Claim 195 (previously added): The material identification system according to claim 63; wherein said plurality of property identification markers contains information identifying a pesticide application administered to an agriculturally generated bulk flowable material.

Claim 106 (previously added): The material identification system according to claim 68, further comprising a bulk flowable material conveying apparatus.

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Claim 167 (previously added): The material identification system according to claim 68, further comprising a bulk flowable material routing apparatus.

Claim 168 (previously added): The material identification system according to claim 53, further comprising an automatic bulk flowable material routing apparatus.

Claim 105 (previously added): The material identification system according to claim 63; further comprising a property identification marker reading apparatus.

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Claim 110 (previously added): The material identification system according to claim 63, further comprising an automatic property identification marker reading apparatus.

Claims 111-113 (canceled)

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Claim 14 (currently amended): A method of indicating whether a bulk flowable material contains a genetically modified organism, comprising the steps of:

causing a harvested bulk flowable material to flow; and

preparing a property identification marker by associating identification data with the property identification marker, said preparing step being performed concurrent with said causing step; and

dispensing a plurality of readily-identifiable property identification markers into the flowing bulk flowable material to indicate whether the harvested bulk flowable material contains a genetically modified organism.

Claim 115 (previously added): The method of claim 114, further comprising the step of harvesting an unharvested bulk flowable material.

Claim 16 (previously added): The method of claim 114, further comprising the steps of:

selecting a field containing a quantity of an unharvested bulk flowable material, at least a

portion of the unharvested bulk flowable material being a genetically modified organism; and

harvesting the unharvested bulk flowable material from the selected field.

Claim 117 (previously added): The method of claim 114, wherein the plurality of readily-identifiable property identification markers are human-readable property identification markers.

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Claim 18 (previously added): The method of claim 14, wherein the plurality of readily-identifiable property identification markers are machine-readable property identification markers.

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Claim 119 (previously added): The method of claim 114, wherein the plurality of readily-identifiable property identification markers are radio frequency identification markers.

Claim 120 (previously added): The method of claim 115, wherein said dispensing step is performed at generally the same time as said harvesting step.

Claim 121 (previously added): The method of claim 116, wherein said dispensing step is performed at a location removed from the field selected in said selecting step.

Claim 122 (previously added): The method of claim 126, wherein said dispensing step is performed at the location of the field selected in said selecting step.

Claim 123 (previously added): The method of claim 114, wherein the presence of the plurality of readily-identifiable property identification markers in the harvested bulk flowable material indicates, without the need for further testing of the harvested bulk flowable material, the presence of a genetically modified organism.

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Claim 124 (previously added): The method of claim 144, wherein the plurality of readily-identifiable property identification markers also indicate an additional characteristic of the harvested bulk flowable material.

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Claim \$25 (currently amended): A method of identifying a genetic characteristic of a bulk flowable material, comprising the steps of:

causing a harvested bulk flowable material to flow; and

preparing a property identification marker by associating identification data with the property identification marker, said preparing step being performed concurrent with said causing step; and

dispensing a plurality of readily-identifiable property identification markers into the flowing harvested bulk flowable material to indicate a genetic characteristic of the harvested bulk flowable material that cannot be visually perceived by an unaided human eye.

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Claim 126 (previously added): The method of claim 128, further comprising the step of harvesting an unharvested bulk flowable material, at least a portion of the unharvested bulk flowable material having a genetic characteristic that cannot be visually perceived by an unaided human eye.



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114 Claim 127 (previously added): The method of claim 125, further comprising the steps of:

selecting a field containing a quantity of an unharvested bulk flowable material, at least a portion of the unharvested bulk flowable material having a genetic characteristic that cannot be visually perceived by an unaided human eye; and

harvesting the unharvested bulk flowable material from the selected field.

111 Claim 128 (previously added): The method of claim 128, wherein, in said dispensing step, said plurality of readily-identifiable property identification markers are dispensed to indicate whether a portion of the harvested bulk flowable material comprises a genetically modified organism.

Claim 125 (previously added): The method of claim 125, wherein the presence of the plurality of readily-identifiable property identification markers in the harvested bulk flowable material indicates, without the need for further testing of the harvested bulk flowable material, whether the harvested bulk flowable material comprises a genetically modified organism.

114 Claim 120 (previously added): The method of claim 125, wherein the plurality of readilyidentifiable property identification markers also indicate an additional characteristic of the harvested bulk flowable material.

14 Claim 121 (previously added): The method of claim 123, wherein the plurality of readilyidentifiable property identification markers also indicate an environmental treatment that has been performed on an area from which the harvested bulk flowable material was harvested.

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Claim 132 (previously added): The method of claim 131, wherein the indicated environmental treatment comprises an application of a pesticide.

Claim 133 (previously added): The method of claim 131, wherein the indicated environmental treatment comprises an application of a herbicide.

Claim 134 (previously added): The method of claim 131, wherein the indicated environmental treatment comprises an application of a fertilizer.

124
Claim 138 (currently amended): A method of associating an environmental treatment with a bulk flowable material, comprising the steps of:

causing a harvested bulk flowable material to flow; and

storing information related to the harvested bulk flowable material on a readilyidentifiable property identification marker, said storing step being performed concurrent with
said causing step; and

dispensing a plurality of readily-identifiable property identification markers into the flowing harvested bulk flowable material to indicate that a given environmental treatment has been performed on an area from which the bulk flowable material had been collected, the performance of the environmental treatment being not capable of visual detection by viewing the harvested bulk flowable material with an unaided human eye.

Claim 136 (previously added): The method of claim, 135, wherein the indicated environmental treatment comprises an application of a pesticide.

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Claim 137 (previously added): The method of claim 135, wherein the indicated environmental treatment comprises an application of a herbicide.

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Claim 138 (previously added): The method of claim 135, wherein the indicated environmental treatment comprises a soil amendment.

Claim \$39 (previously added): The method of claim 128, wherein the soil amendment comprises an application of a fertilizer.

Claim 146 (previously added): The method of claim 135, wherein the plurality of readily-identifiable property identification markers also indicate an additional characteristic of the harvested bulk flowable material.

Claim 147 (previously added): The method of claim 125, wherein the plurality of readily-identifiable property identification markers also indicate a genetic characteristic of the harvested bulk flowable material.

Claim 142 (previously added): The method of claim 135, wherein the presence of the plurality of readily-identifiable property identification markers in the harvested bulk flowable material reduces the need for further testing of the harvested bulk flowable material to determine whether the harvested bulk flowable material has undergone an environmental treatment.

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Claim 145 (previously added): The method of claim 155, wherein the plurality of readily-identifiable property identification markers are machine-readable property identification markers.

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Claim 444 (previously added): The method of claim 136, wherein the plurality of readily-identifiable property identification markers are radio frequency identification markers.

Claim 145 (currently amended): A method of identifying a characteristic of a bulk flowable material in a manner that will travel with the bulk flowable material and that will reduce the need for subsequent testing of the bulk flowable material for presence of the characteristic, comprising the steps of:

determining whether at least a portion of a chosen lot of a harvested bulk flowable material possesses a given characteristic;

storing step being performed concurrent with said causing step; and

periodically dispensing a property identification marker into the flowing bulk flowable material;

wherein presence of the property identification marker in the harvested bulk flowable material reduces the need for further testing of the chosen lot of harvested bulk flowable material to determine whether the given characteristic is present in the chosen lot.

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Claim 46 (previously added): The method of claim 45, further comprising the steps of: selecting a field containing a quantity of an unharvested bulk flowable material; and harvesting the unharvested bulk flowable material from the selected field;

wherein, in said dispensing step, the property identification marker is dispensed into the flowing bulk flowable material without regard to the specific harvest point within the boundaries of the selected field from which the bulk flowable material has been harvested.

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marker comprises machine-readable information.

Claim 146 (previously added): The method of claim 145, wherein the property identification marker comprises human-readable information.

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Claim 148 (previously added): The method of claim 145, wherein the property identification

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Claim 149 (previously added): The method of claim 145, wherein the property identification marker comprises a radio frequency identification marker.

139 Claim 156 (previously added): The method of claim 145, wherein the determined given characteristic comprises a genetic characteristic.

Claim 151 (previously added): The method of claim 145, wherein the determined given characteristic comprises an exposure of the area from which the harvested bulk flowable material was harvested to an environmental treatment, the environment treatment having been performed prior to harvesting of the harvested bulk flowable material.

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Claim 122 (previously added): The method of claim 145, wherein the property identification marker also indicates an additional characteristic of the harvested bulk flowable material.

Claim 157 (previously add

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Claim 155 (previously added): The method of claim 152, wherein the indicated additional characteristic of the harvested bulk flowable material comprises ownership information related to the harvested bulk flowable material.

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Claim 154 (previously added): The method of claim 152, wherein the indicated additional characteristic of the harvested bulk flowable material comprises origin information related to the harvested bulk flowable material.

Claim 155 (currently amended): A method of harvesting and identifying a characteristic of a bulk flowable material containing a genetically modified organism, comprising the steps of:

selecting a field containing a quantity of a bulk flowable material, at least a portion of the bulk flowable material being a genetically modified organism;

harvesting the bulk flowable material from the selected field;

causing the harvested bulk flowable material to flow; and

storing information related to the bulk flowable material on a property identification marker, said storing step being performed concurrent with said causing step; and

dispensing, without regard to location within the selected field, a plurality of readilyidentifiable property identification markers into the flowing bulk flowable material to indicate that the harvested bulk flowable material contains a genetically modified organism.

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Claim 156 (new): A method for indicating a characteristic of a bulk flowable material, comprising the steps of:

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selecting a bulk flowable material having a determined property;

causing the bulk flowable material to flow;

preparing a property identification marker by associating data with the property identification marker, said preparing step being performed concurrent with said causing step; and periodically dispensing a prepared property identification marker into the bulk flowable

material.

146
Claim 151 (new): The method according to claim 156, wherein the property identification marker contains information identifying a grower of the bulk flowable material.

Claim 188 (new): The method according to claim 156, wherein the property identification marker contains information identifying an owner of the bulk flowable material.

Claim 159 (new): The method according to claim 156, wherein the property identification marker contains information indicating geographic origin of the bulk flowable material.

Claim 160 (new): The method according to claim 156, wherein the property identification marker contains information indicating a genetic property of the bulk flowable material.

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Claim 161 (new): The method according to claim 156, wherein the property identification marker contains information indicating a historical record of the bulk flowable material.

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Claim 162 (new): The method according to claim 156, wherein the bulk flowable material comprises an agricultural product, and wherein the property identification marker contains information indicating a crop variety designation related to the agricultural product.

Claim 163 (new): The method according to claim 156, wherein the bulk flowable material comprises an agricultural product, and wherein the property identification marker contains information indicating a specific trait associated with the agricultural product.

Claim 164 (new): The method according to claim 156, wherein the bulk flowable material comprises an agricultural product, and wherein the property identification marker contains information useful for indicating whether the agricultural product is a genetically modified organism.

Claim 165 (new): The method according to claim 156, wherein the bulk flowable material comprises an agricultural product, and wherein the property identification marker contains information indicating the agricultural product's genetic content.

Claim 166 (new): The method according to claim 156, wherein the property identification marker comprises information indicating a plurality of properties of the bulk flowable material.

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Claim 167 (new): The method according to claim 156, wherein the property identification marker contains information indicating a prior chemical treatment of the bulk flowable material.

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Claim 168 (new): The method according to claim 167 wherein the prior chemical treatment comprises an insecticide application.

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Claim 169 (new): The method according to claim 167, wherein the prior chemical treatment comprises a herbicide treatment.

Claim 176 (new): The method according to claim 156, wherein the property identification marker contains information indicating future handling regarding the bulk flowable material.

Claim 177 (new): The method according to claim 156, wherein the property identification marker contains information indicating prior testing of the bulk flowable material.

Claim 172 (new): The method according to claim 156, further comprising the step of recording positioning information associated with the bulk flowable material.

Claim 173 (new): The method according to claim 156, wherein the property identification marker comprises a radiant energy marker.

Claim 174 (new): The method according to claim 156, wherein the property identification marker comprises an optically readable marker.

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Claim 1/5 (new): A method for indicating a characteristic of a bulk flowable material, comprising the steps of:

causing a bulk flowable material to flow;

periodically dispensing a property identification marker into the bulk flowable material; and

storing information related to the bulk flowable material on a property identification marker, said storing step being performed after said periodically dispensing step.

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Claim 176 (new): The method according to claim 175, wherein the property identification marker contains information identifying a grower of the bulk flowable material.

Claim 177 (new): The method according to claim 175, wherein the property identification marker contains information identifying an owner of the bulk flowable material.

Claim 178 (new): The method according to claim 175, wherein the property identification marker contains information indicating geographic origin of the bulk flowable material.

Claim 179 (new): The method according to claim 175, wherein the property identification marker contains information indicating a genetic property of the bulk flowable material.

Claim 186 (new): The method according to claim 175, wherein the property identification marker contains information indicating a historical record of the bulk flowable material.

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Claim 181 (new): The method according to claim 175, wherein the bulk flowable material comprises an agricultural product, and wherein the property identification marker contains information indicating a crop variety designation related to the agricultural product.

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Claim 182 (new): The method according to claim 175, wherein the bulk flowable material comprises an agricultural product, and wherein the property identification marker contains information indicating a specific trait associated with the agricultural product.

Claim 183 (new): The method according to claim 175, wherein the bulk flowable material comprises an agricultural product, and wherein the property identification marker contains information useful for indicating whether the agricultural product is a genetically modified organism.

Claim 184 (new): The method according to claim 175, wherein the bulk flowable material comprises an agricultural product, and wherein the property identification marker contains information indicating the agricultural product's genetic content.

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Claim 185 (new): The method according to claim 175, wherein the property identification

marker comprises information indicating a plurality of properties of the bulk flowable material.

Claim 186 (new): The method according to claim 175, wherein the property identification marker contains information indicating a prior chemical treatment of the bulk flowable material.

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Claim 187 (new): The method according to claim 186, wherein the prior chemical treatment comprises an insecticide application.

Claim 186 (new): The method according to claim 186, wherein the prior chemical treatment comprises a herbicide treatment.

Claim 189 (new): The method according to claim 175, wherein the property identification marker contains information indicating future handling regarding the bulk flowable material.

Claim 196 (new): The method according to claim 175, wherein the property identification marker contains information indicating prior testing of the bulk flowable material.

Claim 191 (new): The method according to claim 175, further comprising the step of recording positioning information associated with the bulk flowable material.

Claim 192 (new): The method according to claim 175, wherein the property identification marker comprises a radiant energy marker.

Claim 193 (new): The method according to claim 175, wherein the property identification marker comprises an optically readable marker.

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Claim 194 (new): A property indication apparatus, comprising:

means for indicating a property of a bulk flowable material;

means for causing a bulk flowable material to flow;

means for preparing said means for identifying a property by associating identification data with said means for identifying a property, and

means for periodically dispensing said means for indicating a property into a flowing bulk flowable material;

wherein said means for preparing operates concurrent with said means for causing a bulk flowable material to flow.

Claim 198 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property identifies a grower of the bulk flowable material.

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Claim 196 (new): The property indication apparatus according to claim 184, wherein said means for indicating a property identifies an owner of the bulk flowable material.

Claim 197 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property identifies geographic origin of the bulk flowable material.

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Claim 198 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property identifies a genetic property of the bulk flowable material.

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Claim 199 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property indicates a historical record of the bulk flowable material.

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Claim 290 (new): The property indication apparatus according to claim 194, wherein the bulk flowable material comprises an agricultural product, and wherein said means for indicating a property identifies a crop variety designation related to the agricultural product.

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Claim 201 (new): The property indication apparatus according to claim 194, wherein the bulk flowable material comprises an agricultural product, and wherein said means for indicating a property identifies a specific trait associated with the agricultural product.

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Claim 202 (new): The property indication apparatus according to claim 194, wherein the bulk flowable material comprises an agricultural product, and wherein said means for indicating a property identifies whether the agricultural product is a genetically modified organism.

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Claim 203 (new): The property indication apparatus according to claim 194, wherein the bulk flowable material comprises an agricultural product, and wherein said means for indicating a property identifies the agricultural product's genetic content.

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Claim 204 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property identifies a plurality of properties of the bulk flowable material.

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Claim 205 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property identifies a prior chemical treatment of the bulk flowable material.

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Claim 266 (new): The property indication apparatus according to claim 205, wherein the prior chemical treatment comprises an insecticide application.

Claim 201 (new): The property indication apparatus according to claim 205, wherein the prior chemical treatment comprises a herbicide treatment.

Claim 208 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property identifies future handling regarding the bulk flowable material.

Claim 209 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property identifies prior testing of the bulk flowable material.

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Claim 210 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property comprises an optically readable marker.

Claim 211 (new): The property indication apparatus according to claim 210, wherein said optically readable marker comprises a machine-readable marker.

Claim 212 (new): The property indication apparatus according to claim 210, wherein said optically readable marker comprises coded information.

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Claim 212 (new): The property indication apparatus according to claim 210, wherein said optically readable marker comprises human readable information.

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Claim 214 (new): The property indication apparatus according to claim 194, wherein said means for indicating a property comprises a radiant energy marker.

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Claim 215 (new): The property indication apparatus according to claim 214, wherein said radiant energy marker comprises a radio frequency identification tag.

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Claim 216 (new): A method for identifying a characteristic of a bulk flowable material, comprising the steps of:

causing a bulk flowable material to flow;

sensing the volume of the flowing bulk flowable material;

periodically dispensing a property identification marker into the bulk flowable material, wherein said periodically dispensing step dispenses a property identification marker so as to achieve a given property identification marker to volume ratio;

reading a dispensed property identification marker; and

using data obtained via said reading step to calculate statistical information related to the bulk flowable material.

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Claim 21/1 (new): A method for indicating a characteristic of a bulk flowable material, comprising the steps of:

causing a bulk flowable material to flow;

sensing the volume of the flowing bulk flowable material;

periodically dispensing a property identification marker into the bulk flowable material, wherein said periodically dispensing step dispenses a property identification marker so as to achieve a given property identification marker to volume ratio;

reading a dispensed property identification marker; and

using data obtained via said reading step to calculate the bulk flowable material's volume.

Claim 218 (new): A method for indicating a characteristic of a bulk flowable material, comprising the steps of:

causing a bulk flowable material to flow;

sensing the mass of the flowing bulk flowable material;

periodically dispensing a property identification marker into the bulk flowable material, wherein said periodically dispensing step dispenses a property identification marker so as to achieve a given property identification marker to mass ratio;

reading a dispensed property identification marker; and

using data obtained via said reading step to calculate statistical information related to the bulk flowable material.



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Claim 218 (new): A method for indicating a characteristic of a bulk flowable material, comprising the steps of:

causing a bulk fl

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causing a bulk flowable material to flow;

sensing the mass of the flowing bulk flowable material;

periodically dispensing a property identification marker into the bulk flowable material, wherein said periodically dispensing step dispenses a property identification marker so as to achieve a given property identification marker to mass ratio;

reading a dispensed property identification marker; and using data obtained via said reading step to calculate the bulk flowable material's mass.

Claim 220 (new): A method for indicating a characteristic of a bulk flowable material, comprising the steps of:

causing a bulk flowable material to flow;

sensing the weight of the flowing bulk flowable material;

periodically dispensing a property identification marker into the bulk flowable material, wherein said periodically dispensing step dispenses a property identification marker so as to achieve a given property identification marker to weight ratio;

reading a dispensed property identification marker; and

using data obtained via said reading step to calculate statistical information related to the bulk flowable material.

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Claim 227 (new): A method for indicating a characteristic of a bulk flowable material, comprising the steps of:

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causing a bulk flowable material to flow;

sensing the weight of the flowing bulk flowable material;

periodically dispensing a property identification marker into the bulk flowable material, wherein said periodically dispensing step dispenses a property identification marker so as to achieve a given property identification marker to weight ratio;

reading a dispensed property identification marker; and using data obtained via said reading step to calculate the bulk flowable material's weight.

